

What Is The FINANCIAL SERVICES Pathway?

The financial services pathway focuses on preparing students for careers in Financial Services. The pathway includes a program called the Academy of Finance (AOF). AOF is a nationally acclaimed, industry-validated curriculum model sponsored by the National Academy Foundation. The model includes course work in areas such as banking and credit, securities and insurance, and financial planning; a paid summer internship between the student's junior and senior year of high school; and articulation agreements with two and four year colleges. For more information about NAF visit their website at www.naf-education.org.

What will the Financial Services Pathway prepare students to do?

Growth in the financial services industry has slowed slightly, but the Bureau of Labor Statistics still anticipates an additional 1.4 million jobs will be created nationally in the finance, insurance and real estate sector of the economy by 2005. In addition, much like information technology, financial services cuts across many sectors of our economy. For example, accountants and financial analysts work in a wide range of industries including health care, high tech manufacturing, hospital-ity and even the non-profit sector.

What schools are involved?

Four high schools - Londonderry, Manchester School of Technology, Alvirne, Merrimack implemented their academies in 2000-01.

Nashua High is piloting the academy in 2001-02. Pinkerton Academy and John Stark High are submitting grant applications and plan to begin their academies in 2002-03. Existing academies will continue to serve as mentors for new sites.

What are the connections with the business community?

Employers are excited about the potential of the Academies of Finance to better prepare students as entry-level workers at their companies. The Partnership has established an Academy of Finance Advisory Board to oversee the financial services pathway development effort.

Members of the AOF Advisory Board include American Express Financial Advisors, BAE Systems, Citistreet Copeland Companies, Citizens Bank, Federal Home Loan Bank of Boston, Merrimack Chamber of Commerce, St. Joseph Hospital, Triangle Credit Union and local school district representatives. In 2001-02, they will be exploring ways to replicate the AOF model statewide and expanding employer involvement in the internship program.



The Pathway To A Career In Education

Students in this pathway can expect the following career opportunities: Teaching (Early Childhood, Elementary, Middle/High School), Guidance, Special Education, Administration, Corporate Training, Instructional Technology Director, Curriculum Coordinator, Para-Educator

What is the overall goal of this Pathway and how does it accomplish this goal?

The goal of the pathway is to create a future group of highly skilled applicants for New Hampshire's postsecondary education programs. There are two options for students.

Option #1: Future Educators Exploring Teaching (FEET). FEET is a series of monthly activities where students gain an appreciation for teaching. These activities include: job shadows, classroom observations, informational interviews and teaching mini-lessons.

Option #2: The Future Educators Academy (FEA). The Future Educators Academy is for high school juniors and seniors with a serious interest in pursuing a career in education. Through a structured field experience and enrollment in

pathway courses, students can validate their decision to seek an advanced degree in education.

What are the Pathway Courses?

The core courses are: English Composition, Intro to Psychology, Intermediate Algebra, PC Applications. The specialized courses are: Foundations of Education and Introduction to Disabilities.

Are these courses open to ALL FEA students?

Students enrolled in the FEA with a cumulative grade point average of 3.0 can take these courses for both high school and college credit.

Why should a student enroll in the Future Educators Academy?

1. To strengthen his/her college application through documented evidence of skills, knowledge and classroom experience.

Education Pathway				
Sequences of Courses				
	9th Grade	10th Grade	11th Grade	12th Grade
English	English 9 (emphasis on Business/Tech Writing)	English 10	English 11	English Composition
Math	Algebra I	Intermediate Algebra	Algebra II	
Social Studies	World History	US History I (with unit Technology and Society)	US History II	Intro to Psychology
Science	Intro to Science	Biology	General Chemistry	Physics
Foreign Language	Foreign Language	Foreign Language II	Foreign Language III	Advanced Foreign Language
Technical Core	IT & Me	PC Applications	Foundations of Education	Intro to Disabilities
Elective Core	Foundation of Early Childhood	Early Childhood Growth &	FEA Practicum	FEA Practicum

NOTE: Check with your guidance counselor to identify the comparable courses offered at your school.

Does the AOF have articulation agreements with local colleges?

Southern NH University has an articulation agreement with NH's Academy of Finance. New Hampshire Community Technical College and other New Hampshire colleges

have agreed to work on articulation agreements with the AOF.

For more information, please contact Judy King, So. Central NH STC Partnership 882-6923.

The Manufacturing Technology Pathway

The Manufacturing Technology Pathway is under construction. On July 9 and 10 of 2001 the J. Oliva Huot Technical Center in Laconia was the site of a two-day manufacturing technology working meeting. The meeting was the first of several steps involved in the Center's reorganization of its manufacturing technology program. After the alignment of the skill standards with the curriculum is completed, the next step will be to cross-reference the curriculum with the New Hampshire Frameworks for Math, Science, and Career Development.

The program, is organized into three levels that students progress through over three years. A big plus for you, the

student, is the paid internships. The program provides a seamless transition for those graduates who wish to pursue post-secondary education with some locations of the New Hampshire Community Technical College System.

With the opening of school in August 2001 the newly revised Level One of the program began with nine students enrolled. In support of the effort, an advisory board of community, business, and educators has been formed and organized into three working committees - program content, work-based learning, and marketing. The intent is to each year make a level of the program available for dissemination to other technical centers in New Hampshire.

For additional information, contact Jim Leon, 271-6954 or email jleon@tec.nh.us.

Engineering Pathway (Project Lead The Way-NH)

This pathway called Project Lead The Way-NH, prepares students to work in the field of engineering. Students may pursue several different occupations. You could study to be an Engineer, Engineering Technician, or Tool & Dye Maker.

This past year has been a busy time. The 2000-01 school year saw 502 students at the then eight high schools taking the five-course pre-engineering PLTW program. Estimates for the 2001-2002 school year suggested at least 600 students would be enrolled in PLTW courses. As of this printing 27 New Hampshire teachers have been trained to teach at least one PLTW course.

A highlight of the year happened in May 2001 when the organization awarded ten scholarships. Each scholarship, worth \$6,250, went to graduating seniors who

had been accepted to study engineering or engineering technology at a New Hampshire college or university. Six of the students are attending the University of New Hampshire, and four are enrolled at New Hampshire Technical Institute.

At the present time ten schools are preparing and presenting proposals to implement PLTW in the next school year - how many will actually join the PLTW community of schools is uncertain, but we do know that given the resources necessary, most schools have PLTW at the top of their list for program expansion or revision.

For additional information, contact Jim Leon, 271-6954 or email jleon@tec.nh.us.

Education Employment Outlook

New Hampshire, along with the nation, is facing a critical shortage of classroom teachers and administrators. The Educational Services industry is one of the largest industries in our economy with over eleven million jobs! The employment outlook projects increased demand for administrative personnel and teachers of all kinds, especially par-educators, secondary school teachers, college professors, preschool teachers and special education teachers. In addition, the U.S. Education Department of Education has stated that two million new teachers will be needed in the 21st century.

Source: The Top 100 Fastest Growing Careers in the 21st Century, Ferguson Publishing co, 200 W. Jackson Blvd, Chicago, IL 60606

2. To reduce tuition costs through advanced professional credit.
3. To gain access to a \$5,000 merit-based scholarship program for first-year education majors at any two- or four-year NH school.
4. To take New Hampshire's required teacher's exam-- the PRAXIS--in the senior year when the recall of content and concepts is most timely.

How do I apply for FEET or FEA?

There is an application process for both programs. Speak to your

guidance counselor or call the contact listed below.

Which schools offer these programs?

FEET is being piloted at the following high schools: Kennett, Keene, White Mountain Regional and Inter-Lakes. FEA, the second step in the career development model, is seeking pilot sites across the state for the 2002-03 academic year.

How do I get more information?

Contact Marsha Miller, Program Director at mamiller@tlc.net or call (603) 332-0925.

Postsecondary Schools that offer Teacher Certification Programs(s)

4-Year: Colby-Sawyer College, Daniel Webster College, Dartmouth College, Franklin Pierce College, Keene State College, New England College, Notre Dame College, Plymouth State College, Rivier College, Southern NH University, St. Anselm College, University of NH

2-Year: NHTI-Concord